

VALUE ENGINEERING CHANGE PROPOSAL  
MISSOURI DEPARTMENT OF TRANSPORTATION

Contract ID 081121-502 Job No. J5P0963 Date 11/3/09  
County Boone Route 63 Original Bid Cost 2,147,823.51  
Contractor APAC-Missouri, Inc. By Joshua Davis  
Designed By \_\_\_\_\_ Phone 573-449-0886  
VECP # 09-93 ~~VECP~~ ☒ VECPP/PDU

1. Description of existing requirements and proposed change(s). Advantages/Disadvantages

On Job J5P0963, APAC would like to propose substituting SP-125C with PG 70-22 for BP-1 with PG 64-22 on all median crossovers and left turn lanes. Currently in the plans, the median crossover calls for SP 125C. On a similar project APAC constructed this paving season inspected out of the Columbia Project Office, 54 Callaway, J5P0955, the median crossovers were constructed with BP-1 with PG 64-22. Total tonnage for the 9 median crossovers; Rte CC, McHatton Rd., McComas Rd., Rte. NN, Canole Rd., Old 63, Breedlove Rd., Pinnacles Rd., and Rte. 124, in the Summary of Quantities is 627.8 tons. At \$78.15 per ton for SP 125C, the total is \$49062.57. If we substituted BP-1 at \$59.75 per ton, the cost would be \$37,511.05. Total reduction in cost is \$11,551.52

2. Estimate of reduction in construction costs. \$11,551.52

3. Prediction of any effects the proposed change(s) will have on other department costs, such as maintenance and operations.

*No additional cost to maintenance foreseen.*

4. Anticipated date for submittal of detailed change(s) of items required by Section 104.6 of the Specifications.

\_\_\_\_\_  
(date)

5. Deadline for issuing a change order to obtain maximum cost reduction, noting the effect of contract completion time or delivery schedule.

\_\_\_\_\_  
(date)

\_\_\_\_\_  
(effect)

6. Dates of any previous or concurrent submission of the same proposal.

\_\_\_\_\_  
(date and/or dates)

Additional Comments:

**\*\* Portion Below This Line To Be Filled Out by MoDOT \*\***

Comments: This is an acceptable change. Project J5P0954 and J5P0955, in Callaway County utilized this same application of BP-1 on Shoulders, acceleration and deceleration lanes and median crossovers

Charles Smith 11-3-09  
Submitted By Resident Engineer Date

Good idea we need to accommodate and use

Comments: Agree with comments above and that it is acceptable to use BP-1 w/ P664-22 in lieu of S125 P670-22 at the locations noted.

☒ Approval Recommended  
☐ Rejection Recommended

Roger Schwartz 10/4/09  
District Engineer Date

Comments: Practical design V.E.C.P. w/ 75-25 split

David D. Coates 11-4-09  
State Construction and Materials Engineer Date

☒ Approval  
☐ Rejection

Distribution: Resident Engineer, Project Manager, District Operations Engineer, State Construction and Materials Engineer  
\*Value Engineering Administrator - \*MoDOT, P.O. Box 270, Jefferson City, MO 65102

# VALUE ENGINEERING CHECK SHEET

## *TYPE OF WORK*

(Check one that applies)

- ☐ Bridge/Structure/Footings
- ☐ Drainage Structures (RCP, RCB, CMP's, ect.)
- ☐ TCP/MOT
- ☒ Paving (PCCP, ect.)
- ☐ Grading/MSE Walls
- ☐ Signal/Lighting/ITS
- ☐ Misc. \_\_\_\_\_

## *SUMMARY OF PROPOSAL*

(If needed, condense summary to a couple of lines)

Contractor proposes to use BP-1 in lieu of SP-125 for median crossovers and acceleration and deceleration lanes. This is a Practical Design Value Engineering Change Proposal with a 75/25 split.

## *SCANNING OF DOCUMENT*

If the proposal is large, please mark or make note, which pages need to be scanned into the database. If there are special instructions, make note of them here.

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